



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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DOGM  
MINERALS PROGRAM  
FILE COPY

October 16, 1990

CERTIFIED RETURN RECEIPT  
P 074 978 774

Mr. John S. Vanderpool  
Mine Geologist  
Umetco Minerals Corporation  
P. O. Box 307  
LaSal, Utah 84530

Dear Mr. Vanderpool:

Re: Approval of Notice of Intention to Revise Mining Operations, Calliham Mine, Umetco Minerals Corporation, M/037/023, San Juan County, Utah

The Division hereby approves your Revision Notice submitted September 6, 1990, which addresses the addition of a 6 foot diameter borehole at the Calliham Mine. The additional information you submitted on October 3, 1990, was adequate to complete the approval.

This approval is conditional, based upon the event that groundwater is not encountered during the drilling of the bore hole. You did indicate to us in your September 25, 1990 letter, that the hole will be 640 feet deep, and that no water was encountered during a test drilling. If groundwater is encountered, Umetco must inform the Division and the Bureau of Water Quality Control, before proceeding. Mitigation of impacts to groundwater must then be described formally. If you feel that the possibility exists in encountering groundwater, you may want to address this now so that construction would not be delayed.

Because the addition of the new borehole will increase the current reclamation surety on the Calliham (\$33,700), the Division will now ask Umetco to review this topic again. Please submit to us a new reclamation surety estimate taking into account the new borehole, a 10% contingency factor, and a 1.84% escalation factor for 5 years. We will review your submittal in view of what state costs would be for the reclamation.

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Umetco Minerals  
M/037/023  
October 16, 1990

Please refer to correspondence sent to Umetco dated March 15, 1990, and February 12, 1990. Please submit this information to us by November 16, 1990.

Sincerely,

A handwritten signature in cursive script, appearing to read "Holland Shepherd".

Holland Shepherd  
Reclamation Specialist

jb  
cc: Wayne Hedberg  
MNM037023.2